

GAUSSIAN FILTERS

This range of Low Pass Gaussian Filters is intended for pulse shaping and bandwidth limitation without time domain ringing. The standard range of filters are packaged in an 8 pin 0.3" low profile DIP module as per DR00068A. Please consult the factory for different packaging, impedance and frequency requirements. Filters are aqueous washable.

Applications

- o T.V. Sync. Pulse Shaping
- o Data Bit Pulse Shaping
- o Bandwidth limitation of Video U and V channels
- o Production of test pulses

3 dB Frequency	17 dB Frequency	Nominal Delay	Nominal Risettime	Part No
MHz	MHz	ns	Ns	
0.5	1.32	736	690	FG005*
1.0	2.65	368	345	FG010*
1.5	3.97	245	230	FG015*
2.0	5.30	184	173	FG020*
2.5	6.62	147	138	FG025*
3.0	7.95	123	115	FG030*
3.5	9.27	105	99	FG035*
4.0	10.60	92	86	FG040*
4.5	11.92	82	77	FG045*
5.0	13.24	74	69	FG050*
5.5	14.57	67	63	FG055*
6.0	15.90	61	58	FG060*
6.5	17.22	57	53	FG065*
7.0	18.54	53	49	FG070*
7.5	19.87	49	46	FG075*
8.0	21.19	46	43	FG080*
8.5	22.52	43	41	FG085*
9.0	23.84	41	38	FG090*
9.5	25.17	39	36	FG095*
10.0	26.49	37	35	FG100*
10.5	27.82	35	33	FG105*
11.0	29.14	33	31	FG110*
11.5	30.47	32	30	FG115*
12.0	31.79	31	29	FG120*

The standard impedances are 75 Ω and 510 Ω . Use suffix 'A' for 75 ohm and 'B' for 510 ohm eg FG020A is 75 Ω gaussian with 3 dB frequency of 2.0 MHz.

PACKAGE DETAIL

